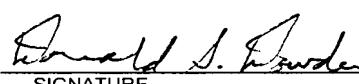


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER, 1175/73653
INTERNATIONAL APPLICATION NO. PCT/DK03/00462	INTERNATIONAL FILING DATE 2 July 2003	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/519048</b>
TITLE OF INVENTION <b>Vitamin-containing system for stabilising the immune response of animals</b>		
APPLICANT(S) FOR DO/EO/US John Erik Hansen		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: See attached Page 3.</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/519048</b>		INTERNATIONAL APPLICATION NO. PCT/DK03/00462		ATTORNEY'S DOCKET NUMBER 1175/73653																										
21. The following fees are submitted:																														
<table border="1"> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td><input type="checkbox"/> Applicant use</td> <td><input type="checkbox"/> Office use only</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b></td> <td>\$ 500.00</td> <td></td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	<input type="checkbox"/> Applicant use	<input type="checkbox"/> Office use only	<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00	\$ 300.00		<input checked="" type="checkbox"/> c) Search fee.....	\$500.00	\$ 200.00		<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>		\$ 500.00										
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<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>		\$ 500.00																												
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																														
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																										
- 100 =	/50 =			x \$250.00	\$ 0.00																									
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																														
<table border="1"> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td>\$</td> </tr> <tr> <td>Total claims</td> <td>9 - 20 =</td> <td>0</td> <td>x \$50.00</td> <td>\$ 0.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$200.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$ 1,000.00</td> </tr> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	9 - 20 =	0	x \$50.00	\$ 0.00	Independent claims	1 - 3 =	0	x \$200.00	\$ 0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,000.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																										
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MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00																										
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,000.00																										
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																														
<b>SUBTOTAL = \$ 500.00</b>																														
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																														
<b>TOTAL NATIONAL FEE = \$ 500.00</b>																														
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																														
<b>TOTAL FEES ENCLOSED = \$ 500.00</b>																														
<table border="1"> <tr> <td>Amount to be refunded:</td> <td colspan="2" style="background-color: #cccccc;"></td> <td>\$</td> </tr> <tr> <td>Amount to be charged</td> <td colspan="2" style="background-color: #cccccc;"></td> <td>\$</td> </tr> </table>						Amount to be refunded:			\$	Amount to be charged			\$																	
Amount to be refunded:			\$																											
Amount to be charged			\$																											
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>500.00</u> to cover the above fees is enclosed.																														
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																														
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-3125</u> . A duplicate copy of this sheet is enclosed.																														
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																														
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																														
SEND ALL CORRESPONDENCE TO:  Donald S. Dowden, Esq. Cooper & Dunham LLP 1185 Avenue of the Americas New York, New York 10036																														
 SIGNATURE <u>Donald S. Dowden</u> NAME <u>20,701</u> REGISTRATION NUMBER																														

U.S. Application No. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/DK03/00462	ATTORNEY'S DOCKET NUMBER 1175/73653
<b>10/519048</b>		

**DT01 Rec'd PCT/PTC 22 DEC 2004**

**PAGE 3 OF TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

Copies of the following documents are also submitted herewith:

- PCT Request;
- Notification Concerning Submission Or Transmittal Of Priority Document;
- Notice Informing The Applicant Of the Communication Of The International Application To The Designated Offices;
- Information Concerning Elected Offices Notified Of Their Election;
- PCT Demand;
- Written Opinion;
- Reply to Written Opinion
- Notification of Transmittal of The International Preliminary Examination Report
- International Preliminary Examination Report.

PATENT  
1175/73653

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : John Erik Hansen  
Serial No. : Not Yet Assigned Int'l Appl'n No.: PCT/DK03/00462  
Filed : Herewith Int'l Filing Date: July 2, 2003  
For : Vitamin-containing system for stabilizing the immune response of animals  
Priority Date  
Claimed : July 2, 2002

1185 Avenue of the Americas  
New York, New York 10036  
(212) 278-0400  
December 22, 2004

**COMMUNICATION REGARDING POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please recognize the following Attorneys in the enclosed Declaration and Power of Attorney:

Donald S. Dowden, Reg. No. 20,701

Ivan S. Kavrukov, Reg. No. 25,161

Christopher C. Dunham, Reg. No. 22,031

Jay H. Maioli, Reg. No. 27,213

William E. Pelton, Reg. No. 25,702

Robert D. Katz, Reg. No. 30,141

PATENT  
1175/73653

Peter J. Phillips, Reg. No. 29,691

Wendy E. Miller, Reg. No. 35,615

Richard S. Milner, Reg. No. 33,970

Respectfully submitted,  
COOPER & DUNHAM LLP



Donald S. Dowden  
Reg. No. 20,701

PATENT  
1175/73653

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/519048

DT01 Rec'd PCT/PTC 22 DEC 2004

Applicants : John Erik Hansen

Serial No. : Not Yet Assigned Int'l Appl'n No.: PCT/DK03/00462

Filed : Herewith Int'l Filing Date: July 2, 2003

For : VITAMIN-CONTAINING SYSTEM FOR STABILISING  
THE IMMUNE RESPONSE OF ANIMALS

Priority Date  
Claimed : July 2, 2002

COOPER & DUNHAM LLP  
1185 Avenue of the Americas  
New York, New York 10036  
(212) 278-0400  
December 22, 2004

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

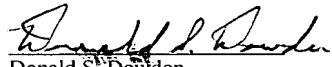
**EXPRESS MAIL CERTIFICATE OF MAILING**  
**FOR ABOVE-IDENTIFIED APPLICATION**

"Express Mail" mailing label number: EF299941912US  
Date of Deposit: December 22, 2004

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Express Mail Certificate bearing Express Mail Label #EF299941912US; Transmittal Letter, in triplicate; 12 page specification including 1-page abstract; a copy PCT publication No. WO 04/004483 A1 with search report; a copy of the original request; a copy of a notification concerning submission or transmittal of the priority document (form PCT/IB/304); a copy of a notice informing the applicant of the communication of the International application to the designated offices (form PCT/IB/308); a copy of information concerning elected offices notified of their election (form PCT/IB/332); a copy of PCT Demand under Art. 31 dated December 16, 2003 with no amended pages; a copy of the Written Opinion dated April 8, 2004; a copy of the reply with no amended pages filed July 7, 2004; a copy of preliminary examination report dated September 16, 2004 with no amended pages; Preliminary Amendment; Communication Regarding Power of Attorney; Declaration and Power of Attorney; Check in the amount of \$500.00; and Return Postcard.

Printed Name: Sam H. Hansen

Respectfully submitted,

  
Donald S. Dowden  
Registration No. 20,701  
Attorney for Applicant  
Cooper & Dunham LLP  
1185 Avenue of the Americas  
New York, New York 10036  
(212) 278-0400